

and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments

In the Claims:

Please add the following new claims.

- 19
57. A method for making one or more nucleic acid molecules, comprising:
- (a) mixing one or more mRNA molecules with (i) one or more polypeptides having reverse transcriptase activity and (ii) at least one primer-adapter nucleic acid molecule, to form a mixture; and
- (b) incubating said mixture under conditions sufficient to make one or more first nucleic acid molecules complementary to all or a portion of said one or more mRNA molecules, wherein said one or more first nucleic acid molecules comprise at least one primer-adapter nucleic acid molecule and wherein said at least one primer-adapter nucleic acid molecule comprises one or more ligands and one or more cleavage sites.
- 20
58. A method according to claim 19, further comprising:
- (c) mixing said one or more first nucleic acid molecules with one or more polypeptides having DNA polymerase activity; and
- (d) incubating said one or more first nucleic acid molecules under conditions sufficient to make one or more second nucleic acid molecules complementary to all or a portion of said one or more first nucleic acid molecules.

¹⁹
~~21~~ ⁵⁹ A method according to claim ~~57~~, wherein the mixture of (a) further comprises a polypeptide having DNA polymerase activity.

¹⁹
~~22~~ ⁶⁰ A method according to claim ~~57~~, further comprising:
isolating said one or more first nucleic acid molecules.

²²
~~23~~ ⁶¹ A method according to claim ~~60~~, wherein isolating comprises:
contacting said one or more ~~first nucleic acid molecules~~ with one or more molecules capable of binding at least one ligand of said ~~primer-adaptor~~.

²³
~~24~~ ⁶² A method according to claim to ~~61~~, wherein said one or more molecules capable of binding said at least one ligand is attached to a solid support.

²⁴
~~25~~ ⁶³ A method according to claim ~~62~~, wherein the solid support is selected from the group consisting of nitrocellulose, diazocellulose, glass, polystyrene, polyvinylchloride, polypropylene, polyethylene, dextran, Sepharose, agar, starch, nylon, beads and microtitre plates. --